

IPDS

Inland Petroleum Distribution System



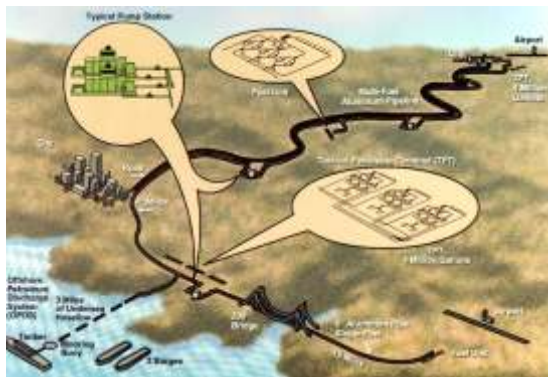
Inland Petroleum Distribution System

The IPDS is a rapid-deployment, general support, bulk fuel storage system. The IPDS is used worldwide to provide bulk petroleum fuels to operating forces whenever or wherever they are required during contingency operations. This pipeline is the most efficient means of moving large quantities of bulk petroleum products and can combine together as many Pipeline Sets (5 miles each) and Pump Stations as is necessary to meet theater operational requirements.

System Description

Bulk petroleum fuel storage and pipeline system receives and discharges fuel from:

- Ship-to-shore hoses
- Tanker trucks or rail tank cars
- Host nation fuel supply



Operational Concept

Basic Unit:

- Tactical petroleum terminal
- Bulk petroleum storage system
- Pipeline system
- Special purpose equipment

Contact Information

PM PAWS

www.tacom.army.mil/dsa/pmtaws/pm_paws
COM: (586) 574-4200 DSN: 786-4200
FAX: (586) 574-3988

PAWS Help Line

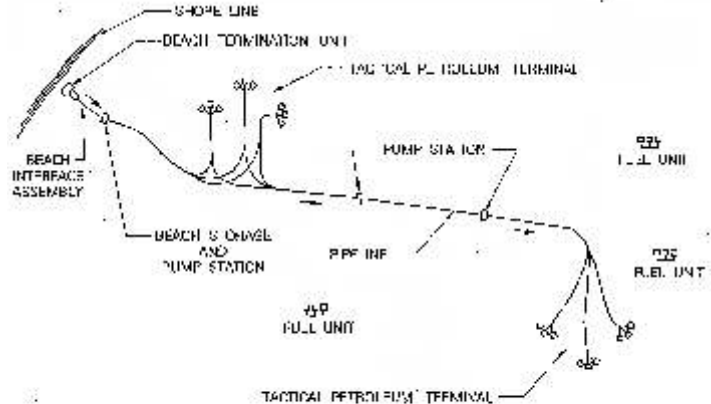
pawshelp@tacom.army.mil
COM: (586) 574-4143 DSN: 786-4143

QUARTERMASTER

www.quartermaster.army.mil



Inland Petroleum Distribution System



LIN	NSN	SSN	BOIP
No LIN	N/A	MA5120	N/A

- Truck, 15-ton flatbed trailer
- ISO Containers
- Rail, Ship (break-bulk freighters; aboard Roll-

Storage	-28°F to 160°F
Operation	-25°F to 125°F

Receives fuel.....	Minimum of 600 GPM 20 hr/day
Dispenses fuel.....	Minimum of 600 GPM 20 hr/day
Storage.....	3.7 million gal capacity (multi-product)
Survivability.....	NBC, Hi altitude electro magnetic pulse
Operational.....	72 hr
Recovery.....	72 hr
Deployment Rate.....	3 miles per day

• ISO Container Dimensions	20 L x 8 W x 8 H ft
• Fuel units	24 ISO Containers
• PLCA's	5 ISO Containers
• 5-mile pipeline set	13 ISO Containers
• Pump station	4 ISO Containers
	2 20-ft flatrack/pump
• Pipeline support set	5 ISO Containers
• Pipeline suspension bridges	2 ISO Containers